

## Additional Options for Mazda MX-5 Cup Car

**SADEV Sequential 6-speed Gearbox:** **This Sadev Sequential 6-speed Gearbox is mandatory for the Mazda MX-5 Cup Series.** Drive like a pro and never miss a shift with this sequential gearbox from SADEV. This transmission allows for no-lift upshifts under acceleration and auto-blip downshifts under braking. The only use of the clutch is when starting the vehicle into motion. Simply pull back for upshifts and push forward for downshifts. This transmission will transform your track experience by allowing you to save time in shifts as well as to concentrate more on driving.

**Additional Tires:** Your Mazda MX-5 Cup car comes with a new set of 215/610R17 BF Goodrich DRY racing slicks mounted on RAYS Wheels. For wet-weather driving, we offer 20/61-17 BF Goodrich RAIN tires. Also available are the 215/40ZR17 BF Goodrich DOT approved tires as required for use in the SCCA T3 and NASA classes. Note: It is common for customers to add 1 EXTRA set of BFG DRY tires mounted on Rays wheels for quick tire changes and 1 set of BFG RAIN tires mounted on Rays wheels should the conditions get wet. --- If you are using a commercial shipper for transport of your car, we recommend that you give them a heads-up if you are ordering additional sets of tires. ---

**Rays Mazda MX-5 Cup Wheels:** As stated above, your Mazda MX-5 Cup car comes with a new set of 215/610R17 BF Goodrich DRY racing slicks mounted on RAYS Wheels. Note: It is common for customers to add 1 EXTRA set of BFG DRY tires mounted on Rays wheels for quick tire changes while at track and 1 set of BFG RAIN tires mounted on Rays wheels should the conditions get wet. --- If you are using a commercial shipper for transport of your car, we recommend that you give them a heads-up if you are ordering additional sets of tires. ---

**Ballast Weight:** Your car will come with a weight box securely mounted to the passenger floor to contain weight required as part of the homologated car. If you are driving in the Mazda MX-5 Cup or other racing series, now is a good time to plan ahead on purchasing any additional weight to compensate for the allotted 220 lbs. for driver and gear. It is better to purchase the ballast (10 and 5-lb plates) with the new car as shipping the plates separately will likely cost more than the price of the weights. --- Please note that only homologated weights are allowed in all race series. ---

**Fascia Reinforcements:** **Fascia reinforcements are mandatory for the Mazda MX-5 Cup series.** To reduce fascia damage from incidental corner contact and reduce the need for front fender liners, these corner braces are installed inside to the front and rear fascia's corners.

**Roll Cage Paint:** For your information, all Mazda MX-5 Cup roll cages and interior tubs are painted with a single-stage automotive paint in a standard medium grey color (which matches a common brand-name spray paint for touch-ups).

**Mazda Motorsports Hard Top:** Some racing series require a hard top to compete and Mazda Motorsports offers a hard top for your Mazda MX-5 Cup car. Whether required by your racing sanction or simply wanted for your track-day car, this hard top adds improved aerodynamics over an open top, provides an extra layer of safety and offers some protection against inclement weather.

**Polycarbonate Windshield:** Mazda is now offering a polycarbonate windshield manufactured by Five Star to minimize potential mishaps like chips and cracks from a glass windshield intended for street-use. This windshield comes with 4 tear-offs from New Vision that both protect and extend the life of the windshield. In order to remain homologated to Mazda MX-5 standards, the windshield must be used with a bracket mounting set developed by Flis Performance to keep the weight and balance the same as the stock setup. Windshield Tear-offs: Protect your glass or polycarbonate windshield with 4-layer New Vision tear-offs.

**Right Side Passenger Kit:** If you are also interested in HPDE (high performance driving education) events with a passenger in your car, we offer an HPDE right seat package. This package includes a right-side seat plate on which to mount a second racing seat, a second set of racing belts, an aluminum foot rest floor panel and roll bar padding.

If you will only be doing HPDEs with your car and do not need the homologated ballast box, we'd be happy to switch that out as an even exchange for the right-side seat plate, the right-side foot rest and roll bar padding. In this case you will provide the passenger seat and passenger seat belts. Naturally, we recommend that you provide your instructor / passenger with the same level of safety equipment including seat with halo that you'd be using for yourself.

**AiM Smarty Cam:** Add video to your Mazda MX-5 Cup car to compliment your AiM MXL2 data acquisition system with the Smarty Cam. This is a great way to share your driving experience and to use the video to reduce your times. If you would like to add the integrated AiM Smarty Cam, we will install it for you in your car free of charge during assembly.

**AiM Sensors:** The AiM MXL2 data system addition is extended to include sensors: 1) the monitoring of Engine Oil Pressure and Temperature 2) Transmission Temperature. 3) Low Fuel Pressure 4) Water Pressure. Having the sensors can alert the driver if conditions exceed normal ranges. Each of these options includes installation and reconfiguration of the AiM dash to monitor the sensors. Flis Performance highly recommends all sensors to be installed for future data collection or if data needs to be reviewed to resolve any concerns.

**Pit Lane Speed Limiter:** **This Pit Lane Speed Limiter is mandatory for the Mazda MX-5 Cup series.** Avoid unnecessary drive thru penalties for speeding on pit lane. This kit includes a steering-wheel mounted activation button and a dial installed on the console to enable you to select your correct pit lane speed - 30, 35, 40 or 45 MPH.

**Damper Wrench Set:** Adjust your dynamic dampers for your Mazda MX-5 Cup car with this set.

**Flis Performance Alignment Rods** – Laser cut, high grade aluminum alignment rods with stainless steel

**Throttle Body:** Optional upgraded: Bosch Throttle Bodies are manufactured on OE production lines with best-in-class quality.

**Flis Performance Cooling Management Kit** – Includes 30 lb. radiator cap, diffuser and installation.

**Flis Performance Muffler Delete Pipe:** This Muffler Delete Pipe reduces damage to both front / rear bumper covers and assists with managing brake temperatures. There is an 8LB difference from the Muffler Delete Pipe weighing 6LBS and the MX-5 Cup Muffler weighing approx. 14LBS. Please adjust total weight accordingly.

**Flis Performance Dual Brake Duct Kit:** It has been developed to improve and maximize air flow and cooling efficiency to the brake system. This will help teams that have been experiencing higher than normal brake temperatures, going from a single brake duct system to a dual brake duct system without having to make major modifications to the front fascia.

(Please use one sheet per car ordered)